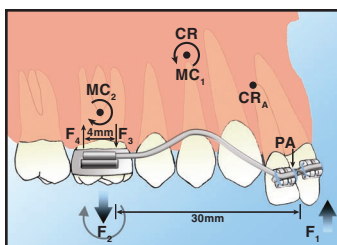
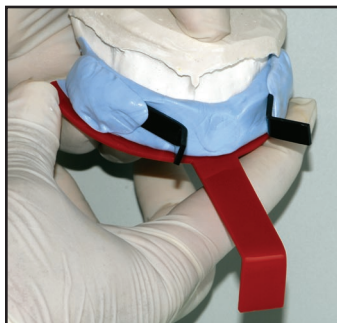


**The Cover**

This month's cover illustrates the 2009 JCO Orthodontic Practice Study.



635 Biomechanics



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664 Cheek Retractor

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**2009 JCO Orthodontic Practice Study  
 Part 1 Trends**

ROBERT G. KEIM, DDS, EDD, PHD  
 EUGENE L. GOTTLIEB, DDS  
 ALLEN H. NELSON, PHD  
 DAVID S. VOGELS III

The first article in a four-part series covers trends in practice economics and administration.

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**Biomechanics and the Paradigm Shift  
 in Orthodontic Treatment Planning**

S. JACK BURROW, DDS, MS

The author describes how biomechanical principles affect facial esthetics.

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**Clinical Implications of the University of  
 Washington Post-Retention Studies**

ROBERT M. LITTLE, DDS

Dr. Little focuses on lessons learned from the Washington stability studies.

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**A New Approach to Indirect Bonding**

AKHTER HUSAIN, MDS; TARIQ ANSARI, BDS, MDS  
 ROHAN MASCARENHAS, MDS; SANDEEP SHETTY, MDS

This efficient technique uses a transfer tray with compressible handles.

**652**

**CASE REPORT**

**A Maxillary Expander for Treatment of Unilateral  
 Posterior Crossbite with Anterior Open Bite**

ANKUR AGGARWAL, BDS, MDS  
 NANDAKISHORE P., BDS, MDS  
 U.S. KRISHNA NAYAK, BDS, MDS

The authors show a case in which asymmetric expansion was used prior to prosthetic restoration.

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**PEARLS**

**Modification of a Cheek Retractor for  
 High-Volume Evacuation**

ROOPAK D. NAIK, BDS, MDS  
 HARSHAVARDHAN KIDIYOOR, BDS, MDS  
 AMEET V. REVANKAR, BDS, MDS  
 SANJAY V. GANESHKAR, BDS, MDS, MDO RCPS

This retractor provides a dry field with less need for chairside assistance.

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